

ANNEX C - 15.209 (30MHz-26 GHz) Conducted

Naming Convention:

Frequency (MHz)_Bandwidth_(MHz)_Modulation_Frequency Range(30-1000MHz, 1-26GHz)_Measurement (Avg, Peak)

Note: below measurements are in units of dBuV/m at 3meters. These measurements are performed conducted in lieu of radiated as permitted by ANSI C63.10-2013. The following formula was used in making such conversions:

Above 1GHz: $E[dB\mu V/m] = EIRP[dBm] - 20 \log(d[m]) + 104.77$, where E is field strength and d is distance at which the field strength limit is specified in the applicable requirements. $E[dB\mu V/m] = EIRP[dBm] + 95.2$, for d = 3 m. Straight conversion between $E[dB\mu V/m]$ and $EIRP[dBm]$ = 107. Thus offset for dBuV/m at 3meters is 95.2-107+antenna gain.

Below 1GHz: above is true in addition to adding ground plane contribution of 4.7dB. thus offset for dBuV/m at 3meters is 95.2-107+4.7+antenna gain.

Note: Emissions exceeding limits fall outside the restricted bands









